

240  
 Gln Lys Gln Gly Cys Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser  
 65 70 75 80  
 cac cag agt cag gac aag aag att cac gtg tac ggc tat tcc atg gcc  
 288  
 His Gln Ser Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met Ala  
 85 90 95  
 tat ggt cct gcc cag cac gcc att tca act gag aaa atc aaa gcc aag  
 336  
 Tyr Gly Pro Ala Gln His Ala Ile Ser Thr Glu Lys Ile Lys Ala Lys  
 100 105 110  
 tac ccc gac tac gag gtc acc tgg gct aac gac ggc tac  
 375  
 Tyr Pro Asp Tyr Glu Val Thr Trp Ala Asn Asp Gly Tyr  
 115 120 125

<210> 2  
 <211> 125  
 <212> PRT  
 <213> Homo sapiens

<400> 2  
 Met Ala Val Ala Asp Leu Ala Leu Ile Pro Asp Val Asp Ile Asp Ser  
 1 5 10 15  
 Asp Gly Val Phe Lys Tyr Val Leu Ile Arg Val His Ser Ala Pro Arg  
 20 25 30  
 Ser Gly Ala Pro Ala Ala Glu Ser Lys Glu Ile Val Arg Gly Tyr Lys  
 35 40 45  
 Trp Ala Glu Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Asp Met  
 50 55 60  
 Gln Lys Gln Gly Cys Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser  
 65 70 75 80  
 His Gln Ser Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met Ala  
 85 90 95  
 Tyr Gly Pro Ala Gln His Ala Ile Ser Thr Glu Lys Ile Lys Ala Lys  
 100 105 110  
 Tyr Pro Asp Tyr Glu Val Thr Trp Ala Asn Asp Gly Tyr

115

120

125

<210> 3  
 <211> 16  
 <212> PRT  
 <213> mammalian

<220>  
 <221> PEPTIDE  
 <222> (1)..(16)  
 <223> conserved mammalian sequence

<400> 3  
 Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His Gln Ser Gln Asp  
     1                    5                    10                    15

<210> 4  
 <211> 33  
 <212> PRT  
 <213> mammalian

<220>  
 <221> PEPTIDE  
 <222> (1)..(33)  
 <223> conserved mammalian sequence 2

<220>  
 <221> SITE  
 <222> (17)  
 <223> X = K or R

<220>  
 <221> SITE  
 <222> (27)  
 <223> X = A or G

<220>  
 <221> SITE  
 <222> (30)  
 <223> X = P or R

<400> 4  
 Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His Gln Ser Gln Asp  
     1                    5                    10                    15

Xaa Lys Ile His Val Tyr Gly Tyr Ser Met Xaa Tyr Gly Xaa Ala Gln

20

25

30

His

<210> 5  
 <211> 44  
 <212> PRT  
 <213> mammalian

<220>  
 <221> PEPTIDE  
 <222> (1)..(44)  
 <223> conserved mammalian sequence 3

<400> 5  
 Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Asp Met Gln Lys Gln  
 1 5 10 15  
 Gly Cys Asp Cys Glu Cys Leu Gly Gly Arg Ile Ser His Gln Ser  
 20 25 30  
 Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met  
 35 40

<210> 6  
 <211> 124  
 <212> PRT  
 <213> rabbit

<220>  
 <221> PEPTIDE  
 <222> (1)..(124)  
 <223> rabbit histidine protein phosphatase

<400> 6  
 Ala Ala Ala Gly Leu Ala Gln Ile Pro Asp Val Asp Ile Asp Ser Asp  
 1 5 10 15  
 Gly Val Phe Lys Tyr Val Leu Ile Arg Val His Ala Ala Pro Pro Ser  
 20 25 30  
 Glu Ala Pro Gly Gly Glu Ser Lys Asp Ile Val Arg Gly Tyr Lys Trp  
 35 40 45  
 Ala Glu Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Glu Leu Gln